



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8669

SERIAL NUMBER 10/660,865	FILING DATE 09/11/2003  RULE	CLASS 360	GROUP ART UNIT 2653	ATTORNEY DOCKET NO. 16869G-086700US
-----------------------------	---------------------------------------	--------------	------------------------	--

## APPLICANTS

Takayoshi Ohtsu, Oi, JAPAN;

Satoshi Shigematsu, Yokohama, JAPAN;

Kouji Nishioka, Hiratsuka, JAPAN; Takao Imagawa, Mito, JAPAN;

Kouji Kataoka, Odawara, JAPAN;

Masatoshi Arasawa, Odawara, JAPAN;

Norifumi Miyamoto, Chigasaki, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 2002-267552 09/13/2002

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 12/03/2003

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged Examiner's Signature:  Initials: _____	JAPAN	15	9	3

## ADDRESS

20350  
 TOWNSEND AND TOWNSEND AND CREW, LLP  
 TWO EMBARCADERO CENTER  
 EIGHTH FLOOR  
 SAN FRANCISCO, CA  
 94111-3834

## TITLE

Magneto resistive head and magnetic recording apparatus

FILING FEE  RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )
----------------------------	---	--